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APPLICANT : SHIN ETSU CHEM CO LTD;

INVENTOR : OHARA SAKAE;

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TITLE : LOW-SUBSTITUTION-DEGREE HYDROXYPROPYLCELLULOSE POWDER

ABSTRACT : PROBLEM TO BE SOLVED: To provide a low-substitution-degree hydroxypropylcellulose powder which is a powdery drug used as a disintegrator used in combination with medicinal components in the production of e.g. granulated medicines, can give granules of good disintegrability at a high granulation rate when used in an extrusion granulation and can give granules having a high bulk density when used in a fluidized bed granulation method.

SOLUTION: This powder has a viscosity of 5-100 cP (as measured in a 2 wt.% concentration solution in a 10 wt.% aqueous sodium hydroxide solution at 20°C), a content of water-solubles of 2-6 wt.%, a tapped apparent density of 0.55 g/cc or above, an angle of repose of 48° or below and a mean particle diameter of 45 µm or below.

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